



Date	Time	Direction of View
04-11-11	1114	NW

Subject

Hill AFB Housing area OU-13. Collection composite soil confirmation sample in excavation at 4111 B North Bridge Circle.



Date	Time	Direction of View
04-11-11	1117	NE

Subject

Hill AFB Housing area OU-13. Excavation completed to 2 ft depth at 4111 A North Bridge Circle.



Date	Time	Direction of View
04-11-11	1148	N

Subject

Hill AFB Housing area OU-13. Composite soil confirmation sample locations marked with pin flags at 4111 B North Bridge Circle.



Date	Time	Direction of View
04-11-11	1430	NE

Subject

Hill AFB Housing area OU-13. Collecting composite soil confirmation samples at 4111 A North Bridge Circle. Sample locations are marked with pin flags.



Date	Time	Direction of View
04-11-11	1452	N

Subject

Hill AFB Housing area OU-13. Labeled composite soil confirmation sample collected from excavation at 4111 A North Bridge Circle.



Date	Time	Direction of View
04-11-11	1543	NW

Subject

Hill AFB Housing area OU-13. Loading end-dump #9 with soil from excavation at 4111 A North Bridge Circle.



Logbook Notes

Location HILL AFBDate 11 APR 2011Project / Client HILL AFB HOUSING - 00-13PCB REMEDIATION / FREEDOM TERRACE
ARCEE

CLEAR WIND 0-5 FROM S 400F

0700 TAILGATE SAFETY BRIEF

0720 ~~2~~ END-DUMP TRUCKS ~~START~~
~~TO ARRIVE~~ ARRIVE0730 TRUCK ARRIVES WITH AN EXTRA
ROLL-OFF BOX - WE HAVE TO
LIGHTEN THE TWO FILLED
ROLL-OFFS THAT ARE PRESENTLY
ON-SITE.0740 START LOADING #4 END DUMP
WITH SOIL FROM 411B
NORTH BRIDGE CIRCLE.0815 FINISH LOADING #4 TRUCK
MOVE #5 TRUCK INTO
POSITION
ALSO LOADING #2 ROLL-
OFF BOX ONTO TRUCK0820 TRUCK #4 LEAVES WITH
LOAD
TRUCK LEAVES W #2
ROLL OFF BOXLocation HILL AFB .UTDate 4-11-11Project / Client HILL AFB HOUSING 00-13PCB REMEDIATION / AIRFORCE# DATE PHOTO LOG 4-11-11
TIME X SUBJECT36 4-11-11
0850 N LOADING TRUCK #637 " 0905 W MEASURING DEPTH OF
EXCAVATION AT
411B N BRIDGE CIRC38 " 1000 N ECA EXCAVATION
COMPLETED AT 411
B NORTH BRIDGE CIRC.39 " 1020 SW BEGINNING OF EXCAVATION
AT 411A N. BRIDGE
CIRCLE40 " 1100 N TERRY PRICE (MUN)
LAYING OUT CONF
SAMPLE LOCATIONS
AT 411B N. BRIDGE
CIRC.

Location HILL AFB UT Date 4.11.11
 Project / Client OU-13 PCB REMEDIATION
USAF

0825 FINISH LOADING TRUCK
 # 5

0830 TRUCK # 5 LEAVES W/
 LOAD.

0840 POSITION TRUCK # 6

0905 TRUCK # 6 FULL-
 COVERED - PLACARDS IN PLACE

0912 TRUCK # 6 LEAVES SITE.

0915 MARK ROGINSKA ON SITE

0925 MARK LEAVES SITE.

0940 DO TOM IS REMOVING REMAINING
 SOIL FROM 411B AND
 MOVING STOCKPILING IT
 AT 411A SO TERRY
 PRICE CAN GO AHEAD AND
 SAMPLE 411B N BRIDGE
 CIRCLE.

Location HILL AFB UT Date 4.11.11
 Project / Client OU-13 PCB REMEDIATION
OU-13

1000 EXCAVATION IS COMPLETE AT
 411B NORTH BRIDGE CIRCLE
 READY FOR TERRY PRICE (MWH) TO
 SAMPLE

1015 START EXCAVATING AT 411A
 NORTH BRIDGE CIRCLE

1100 TERRY PRICE TS (MWH) IS
 PREPARING TO COLLECT CONFIRM-
 ATION SAMPLES AT 411N. BRIDGE
 CIRCLE.

1105 START COLLECTING 1ST COMPOSITE
 SAMPLE AT IN EXC AT 411B
 NORTH BRIDGE CIRCLE.

1115 TOM FINISH EXCAVATION AT
 411A NORTH BRIDGE CIRC.

1125 CONFIRMATION SAMPLES TO
 BE ANALYZED VIA 8082

Location Hill AFB, UT Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION
TITLE I INSPECTION

PHOTO LOG 4-11-11

DATE/TIME SUBJECT
 41 4:11:00 SW TERRY PRICE PREP
 TO SAMPLE

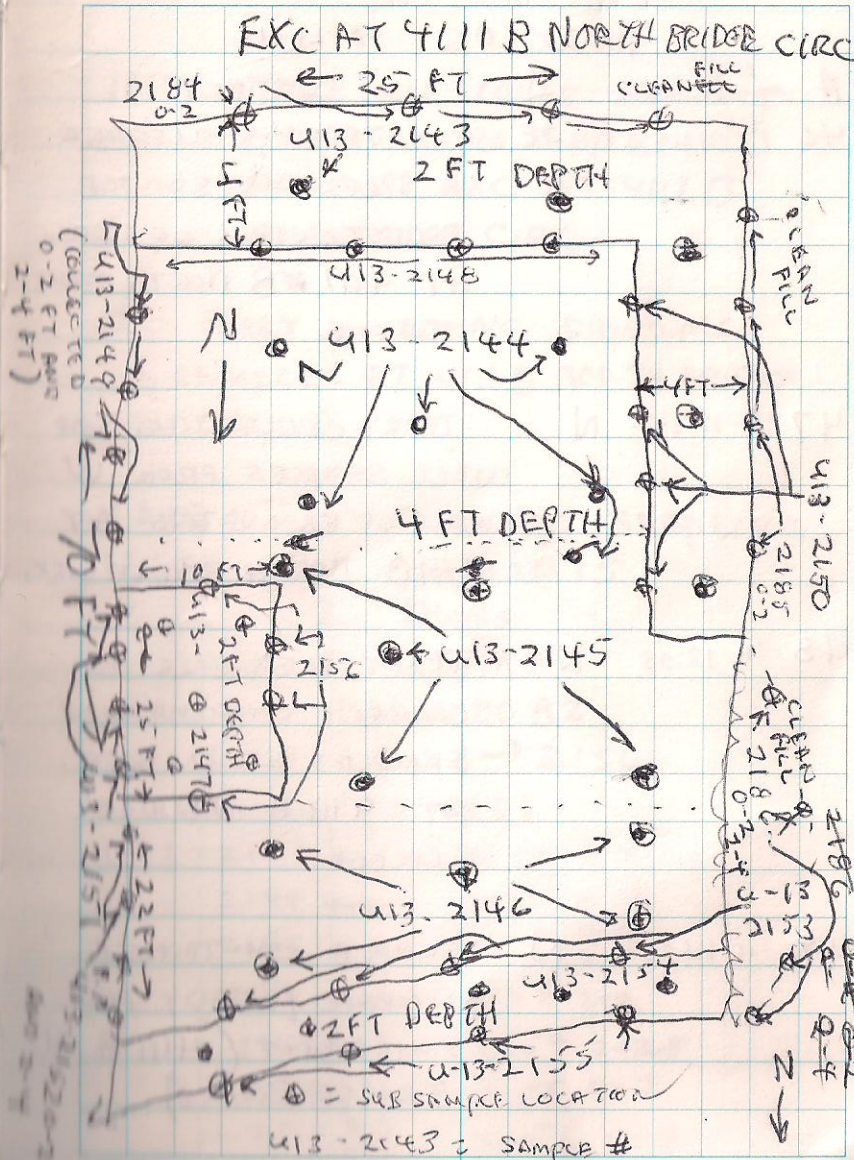
42 4:11:11 11:12 E PIN FLAG MARKING
 LOCATION OF EXCAVATION
 FLOOR COMPOSITE SUB
 SAMPLE.

42 4:11:11 11:15 W TERRY PRICE COLLECT
 43 COMPOSITE SAMPLE FROM
 EXCAVATION FLOOR AT
 4111 B NORTH BRIDGE CIRC.

44 4:11:11 11:16 N EXCAVATION AT 4111 A
 NORTH BRIDGE CIRCLE EX-
 AVATED TO 2 FT DEPTH

4-11-11
 45 11:50 N CONFIRMATION SAMPLE
 LOCATIONS MARKED WITH
 PIN FLAGS IN EXC AT
 4111 B NORTH BRIDGE CIRC

Location Hill AFB UT Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION



Location HILL AFB UTAH Date 4.11.11
 Project / Client HOWSINGARDA OU-13 PCB
REMEDIATION TITLE II INSPECTION

PHOTO LOG 4.11.11

#	DATE/TIME	X	SUBJECT
46	4.11.11 12:15	SE	TERRY COLLECTING A SIDEWALL SAMPLE FROM E. WALL OF EXC. AT 4111B NORTH BRIDGE CIRCLE
47	" 11:25"	N	TERRY COLLECTING SIDE WALL SAMPLES FROM W WALL OF EXCAVATION AT 4111B NORTH BRIDGE CIRC.
48	" 13:55	N	TERRY PREPARING TO COLLECT CONFIRMATION SAMPLES AT IN EXC. AT 4111A N BRIDGE CIRCLE.
49	" 14:25"	N	SAMPLE CONTAINER PACKAGED (READY FOR SHIPMENT (4111A N. BRIDGE CIRCLE))

Location HILL AFB UTAH Date 4.11.11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

1150 TERRY PRICE COLLECTING ~~CONFIRMATION~~
~~OF~~ CONFIRMATION SAMPLE FROM
 BOTTOM OF EXC AT 4111B
 NORTH BRIDGE CIRC.

1200 TERRY COLLECTING SIDEWALL
 SAMPLES AT 4111B NORTH BRIDGE
 CIRCLE

1345 TERRY COMPLETES SAMPLING

1345 14 COMPOSITES
 2 DUPS
 1 MS/MA
 ALL ARE 8082

U-13 2143 → 2156

SAMPLE #S ARE:

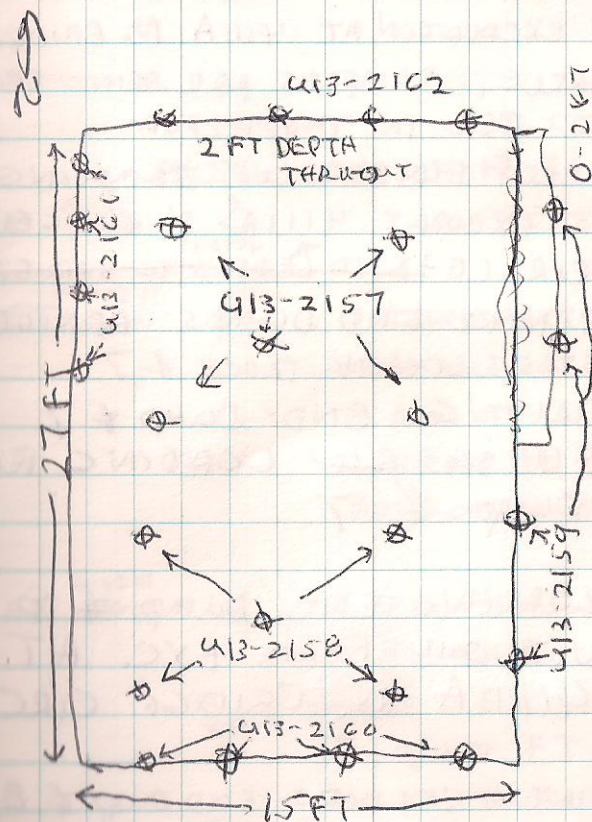
U13-2143	2-2.5	2156	2-4
2144	4-4.5	2151	0-2
2145	4-4.5	2152	0-2
2146	4-4.5	2153	2-4
2147	2-2.5	2154	2-2.5
2148	2-4	2155	0-2
2149	2-4	2156	2-4

Location HILL AFB Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

#	DATE/TIME	D	SUBJECT
50	4-11-11 1430	W	FLAGGED COMPOSITE SUB SAMPLE LOCATION AT THE IN EXCAVATION AT 4111A NORTH BRIDGE CIRCLE.
51	11 1430	NE	CONF. SAMPLE FLAGGED SAMP LOCATIONS IN BOTTOM OF EXC. AT 4111A NORTH BRIDGE CIRCLE. TERRIE IS COLLECT SIDE WALL SAMPLES ON EAST SIDE OF EXC.
52	11 1435	N	SAMPLE CONTAINER FILLED AND LABELED SAMPLE # U13-2162 FROM N SIDE WALL OF EXC AT 4111A N. BRIDGE CIRCLE.
53	4-11-11 1530	N	LOADING END DUMP #8
54	1545	NW	LOADING TRUCK #9

Location HILL AFB UT Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

EXC DRAWING
 4111A NORTH BRIDGE CIRC.



U13 - 2157
 2158
 2159
 2160
 2161
 2162

COMPOSITES
 1 DUP
 1 MSMSD TR 4.12.11

Location HILL AFB, UT Date 4.11.11Project / Client OU-13 TITLE II INSPECTION
PCB REMEDIATION / USAF

PTLY CLOUDY WIND S FROM S 60°
1400 TERRY STARTS COLLECTING ^{CONF} SAMPLES
IN EXCAVATION AT 4111A N. BRIDGE
CIRCLE, SAMPLES ARE BEING SHIPPED
TO PEL IN TAMPA, FLA

1500 TERRY FINISHES UP SAMPLING
IN EXC AT 4111A N. BRIDGE
CIRCLE ~~AND LEAVES TO SHIP SAMPLES~~
3 MORE END DUMPS ARRIVE
START LOADING TRUCK # 7

1525 FILLING END-DUMP # 7
FINISH ~~ALL~~ LOADING END
DUMP # 7

1530 LOADING END DUMP # 8
WITH SOIL FROM EXC. AT
4111A N. BRIDGE CIRC.

1540 FINISH LOADING END DUMP # 8
POSITION # 9 FOR LOADING

1550 TERRY PRICE LEAVES TO
SHIP SAMPLES

Location HILL AFB, UT Date 4.11.11Project / Client OU-13 PCB REMEDIATION /
USAF

PHOTO LOG 4.11.11
^{DATE} / ^{TIME} X SUBJECT

~~55~~

PHOTO LOG 4.12.11
^{DATE} / ^{TIME} Q SUBJECT

55 ^{4.12.11} 0815 NW TRANSFERRING SOIL
FROM ROLL-OFF BOX # 3
TO ROLL-OFF BOX # 4
IN ORDER TO LOCATE
ROLL-OFF # 3.

56 ^{4.12.11} 1020 E EXCAVATION AT
4114 B CHARLESTON
^{LOOP}
~~CIRCLE~~ - EXCAVATED
^{4.12.11}
TO TWO FT -
SOIL IS STOCKPILED
FOR TODAY'S LOADOUT

57 ^{4.12.11} 1142 LOADING TRUCK # 10
WITH MATERIAL FROM
BENEATH SIDEWALK 4114B CHARLE
STON LOOP

Location HILL AFB UTAH Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION /
USAF

1605 FINISH LOADING TRUCK #9

1648 ~~ALL TRU~~

1610 ALL 3 TRUCKS LEAVE FOR GRASSY
 MOUNTAIN (END DUMPS 7, 8, AND 9)

1630 SHUT DOWN FOR TODAY

Thomas A. Mader

Location HILL AFB UT Date 4-12-11
 Project / Client HOUSING AREA OU-13 PCB
REMEDIATION / AIR FORCE

0700 TAILGATE SAFETY BRIEF.
 AND POLICE UP AREA AROUND
 4111A AND B N. BRIDGE CIRC.

~~0705~~ CLOUDY TODAY, OCCASIONAL

~~074~~ LITRAINING 45°F

0715 SETTING UP TO EXCAVATE
 AT 4114 CHARLESTON ^{COOP} ~~CIRCLE~~ ^{M 4-12-11}

0745 ENIKO CARGO ROLL-OFF BOX TRUCK
 SHOWS UP - ROLL-OFFS HAVE BEEN OVER-
 WEIGHT. WILL HAVE TO TRANSFER SOIL
 FROM #3 ROLL-OFF INTO ANOTHER ROLL-OFF

0800 TOM HEADS OVER TO HAZ WASTE
 TO GET MORE MANIFESTS SIGNED

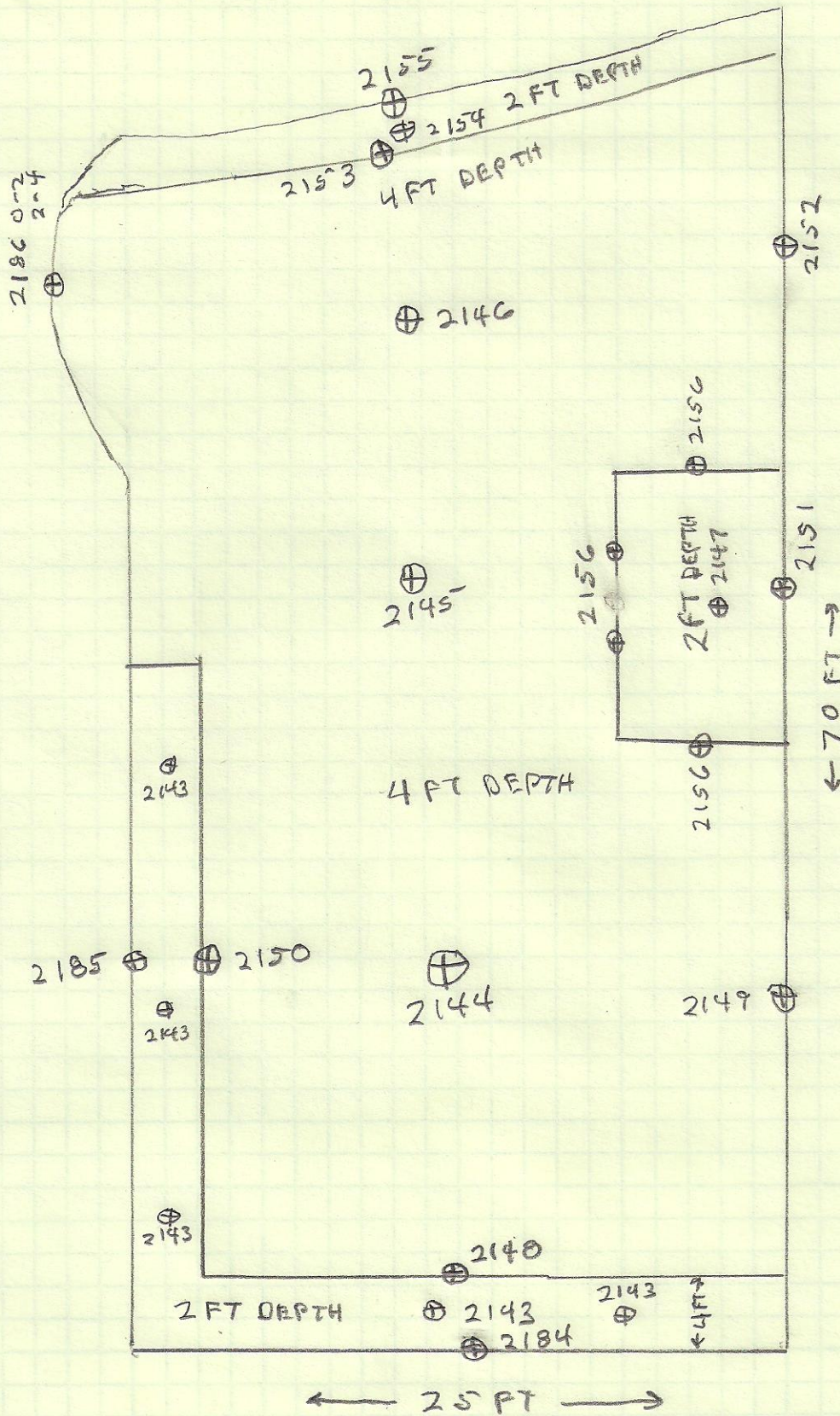
SETTING UP AN EMPTY ROLL-OFF
 BOX TO ROLL-OFF #3 SO SOME SOIL
 CAN BE TRANSFERRED FROM ROLL-OFF
 BOX #3 TO THE 4TH ROLL-OFF BOX

0800 TOM RETURNS WITH SIGNED
 MANIFESTS

0835 MARK PACB W/
 BOYARZ ALL STOPS IN

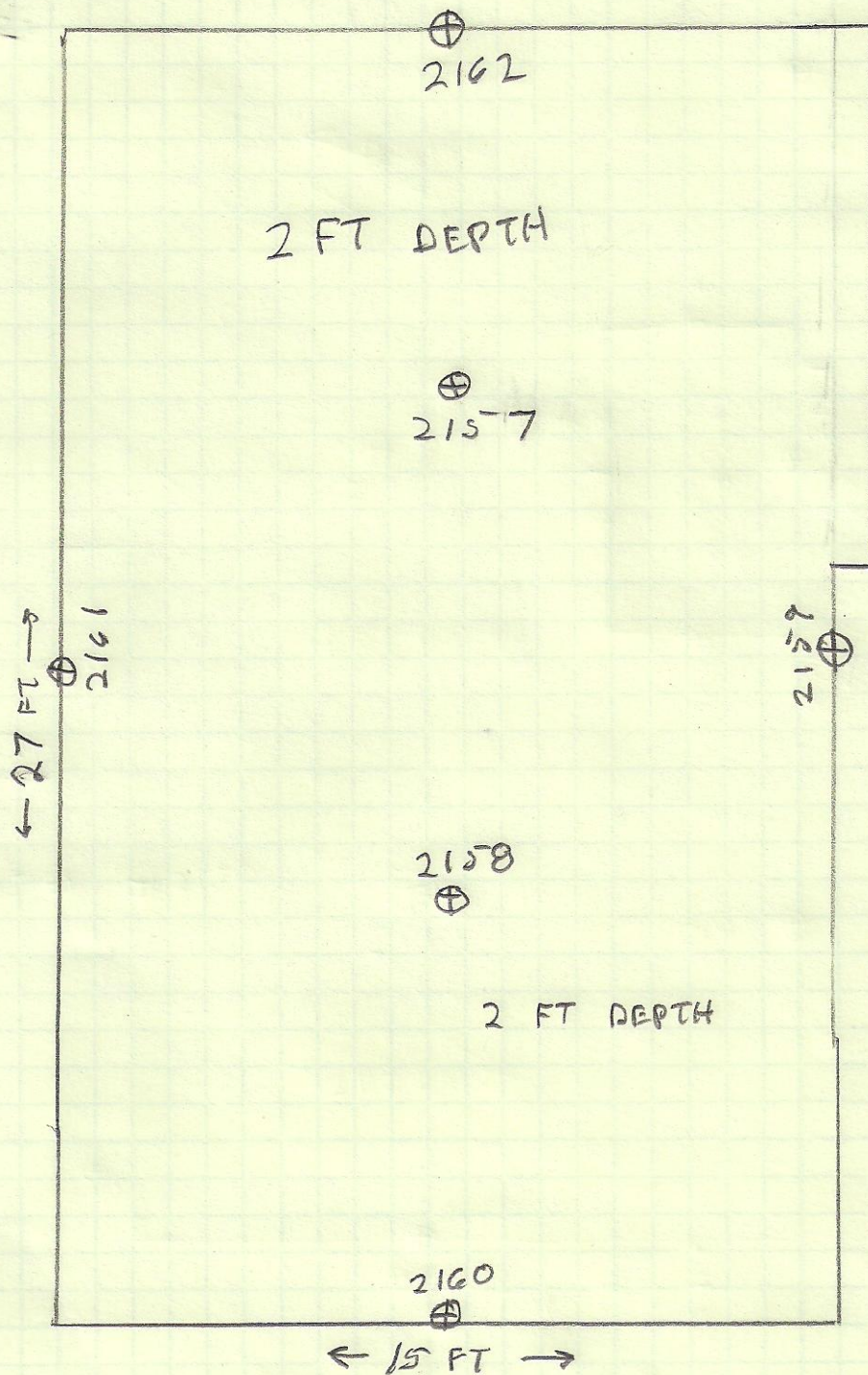


Excavation Drawings 4111 B and 4111 A North Bridge Circle



NOTE: ALL SIDE WALL SAMPLES ARE 4-POINT COMPOSITES
ALL FLOOR SAMPLES ARE 5-POINT COMPOSITES
⊕ = COMPOSITE SAMPLE LOCATION

EXCAVATION 4111 B NORTH BRIDGE CIRCLE
11 APRIL 2011



NOTE: ALL FLOOR SAMPLES ARE 5-POINT COMPOSITES
ALL WALL SAMPLES ARE 4-POINT COMPOSITES

⊕ = SAMPLE LOCATION

EXCAVATION 4111A NORTH BRIDGE CIRCLE
11 APRIL 2011



Sample Number Tables

Confirmation Soil Samples Collected in Excavations at 4111 A and B North Bridge Circle, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type
U13-2143	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench on south and south west sides	2-2.5	5-point comp
U13-2144	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, south end	4-4.5	5-point comp
U13-2145	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, center	4-4.5	5-point comp
U13-2146	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, north end	4-4.5	5-point comp
U13-2147	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench, east side	2-2.5	5-point comp
S13-92147	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, bench, east side (sample duplicate)	2-2.5	5-point comp
U13-2148	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end wall	2-4	4-point comp
U13-2149	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end of east wall	0-2	4-point comp
U13-2149	11Apr 2011	Excavation at 4111B N. Bridge Circle	South end of east wall	2-4	4-point comp
U13-2150	11 Apr 2011	Excavation at 4111B N. Bridge Circle	South end of west wall	2-4	4-point comp
U13-2151	11 Apr 2011	Excavation at	Center of east wall	0-2	4-point comp

		4111B N. Bridge Circle			
U13-2152	11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end	0-2	4-point composite
S13-92152	11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end (sample duplicate)	0-2	4-point composite
U13-2152	11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end	2-4	4-point composite
U13-2152	11 Apr 2011	Excavation at 4111B N. Bridge Circle	East side wall, north end (MS/MSD)	2-4	4-point composite
U13-2153	11 Apr 2011	Excavation at 4111B N. Bridge Circle	North end wall	2-4	4-point composite
U13-2154	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Excavation floor, on bench, north end	2-2.5	5-point composite
U13-2155	11 Apr 2011	Excavation at 4111B N. Bridge Circle	North end wall	0-2	4-point composite
U13-2156	11 Apr 2011	Excavation at 4111B N. Bridge Circle	Bench walls, east side of excavation	2-4	4-point composite
U13-2157	11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, north half	2-2.5	5-point composite
S13-92157	11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, north half (sample duplicate)	2-2.5	5-point composite

U13-2158	11 Apr 2011	Excavation at 4111A N. Bridge Circle	Excavation floor, south half	2-2.5	5-point composite
U13-2159	11 Apr 2011	Excavation at 4111B A. Bridge Circle	East wall	0-2	4-point composite
U13-2160	11 Apr 2011	Excavation at 4111B A. Bridge Circle	South wall	0-2	4-point composite
U13-2161	11 Apr 2011	Excavation at 4111B A. Bridge Circle	West wall	0-2	4-point composite
U13-2162	11 Apr 2011	Excavation at 4111B A. Bridge Circle	North wall	0-2	4-point composite



Daily Quality Control Report

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FA8903-08-D-8786 TO 0011		North Wind, Inc		Title II Oversight Hill AFB Housing Area PCB Remediation OU 13	
Project Number: KRSM20110835		(Remediation Contr is Cape)			
Contract Number / Task Order Number		Contractor		Project Title / NWI Project No.	
4		04/12/11		Hill AFB, UT Freedom Terrace Housing Area OU-13	
CQC Report Number		Date or Time Period		Location and Team	

I. Weather Conditions:

Temp Low 40 Temp High 60 F Cloudy ☒ Partly Cloudy ☒ Clear ☐

Wind Speed 0-5 Precipitation ☒ No ☐ Yes

From NE

II. Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action)

Preparatory ☐

Initial ☒

Follow-Up ☒

Was the construction deficiency tracking list updated this date? Yes ☐ No ☒

III. Was Field Sampling and Testing Performed This Date? Yes ☒ No ☐

If yes, then complete the following:

	Type of test	Method/Matrix	Results
1.	Dust Monitoring	Mini Ram/Air	TWA 0.0 upwind – 0.005 downwind
2.			
3.			

Have Data Quality Objectives been achieved? Yes ☒ No ☐

IV. Have Samples Been Collected for Laboratory Analysis? Yes ☒ No ☐

If yes, then complete the following:

	Type of Test	EPA Test Method/Matrix	Quantity of Samples
1.	PCBs	8082/soil from excavations at 4114 B Charleston Loop, Hill AFB	22 primary, 2 duplicates, 1 MS/MSD
2.	PCBs	Additional 8082/soil from excavation at 4111 B North Bridge Circle Hill AFB	4 primary, 1 duplicate
3.			

Have required amount of QC trip blanks and rinseates been achieved? Yes ☒ No ☐

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes ☒ No ☐

Have QA and QC samples been collected in the specified quantity? Yes ☒ No ☐

Have samples been properly labeled and packaged? Yes ☒ No ☐

V. Health and Safety.

Worker protection levels this date: Level A ☐ Level B ☐ Level C ☐ Level D ☒

Was any work activity conducted within a confined space? Yes ☐ No ☒

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☒

Were approved decontamination procedures used on workers and equipments as required? Yes ☒ No ☐

Was a Job Safety Meeting held this date? Yes ☒ No ☐

Were there any lost time accidents this date? (If YES, attach copy of completed accident report) Yes ☐ No ☒

Was hazardous waste/material released into the environment? Yes ☐ No ☒

Safety comments: (Include any infractions of approved safety plan, and include instructions from Government personnel. Specify corrective action taken.)

Went over eye protection, equipment hazards and slip, trips, falls related to poor footing in work area.

VI. Work Activities Performed This Date.

	Reference (DFW #/Tech Spec #)	Activity & Location	Quantity	Subcontractor
1.	WP	Blue Stakes has cleared dig areas. Dig ticket number is C10890078		Cape

2.	WP	Boyer Hill Utilities has marked all utilities		Cape
3.	WP	Excavation of PCB contaminated soil begun and completed at 4114 B Charleston Loop.		Cape
4.	WP	Three 20 cy end-dump trucks loaded and sent to Grassy Mountain. Two 20 cy roll-off box filled on 7 April 2011 also loaded and sent to Grassy Mountain today.	Approx 85 cy soil	Cape
5	WP	Confirmation samples collected from excavation at 4114 B Charleston Loop (sample numbers U13-2163-2183). All samples sent to PEL in Tampa for PCBs by 8082.	22 samples	Cape/MWH
6	WP	Additional confirmation samples collected from excavation at 4111 B North Bridge Circle (sample numbers U13-2184-2186). All samples sent to PEL in Tampa for PCBs by 8082.	4 soil samples	Cape/MWH

VII. Labor & Manpower.						
	Classification	Number	Employer	Hours		
1.	SS/SSHO/QC	1	Cape	8		
2.	Laborer	1	Cape	8		
3.	EO					
4.	Foreman					
5.	Tech	1	MWH	6		
6.	Title II Inspector	1	NWI	8		
Total Hours				30		
VIII. Equipment.						
	No. of Units	Plant/Equipment	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
1.	1	Dust Monitor		8		
2.	1	John Deere 135C Excavator	04/12/11	8	0	
3.	1	Bobcat T250	04/12/11	3	5	
4.	1	2500 Chevy Pickup	04/12/11	2	6	
5.	1	250 gallon water trailer with pump/hose/nozzle	04/08/11	0	8	
6.	1	3 End dump trucks and 1 roll off box truck (Enviro Care)	04/12/11	6	2	
7.						
8.						
9.						
10.						
Total Hours				21	19	0
IX. Material Received to be Incorporated into Job. None <input checked="" type="checkbox"/>						
	Acceptability	Stored Where?	Reference Plans/Drawings			
1.						
2.						
3.						
X. Submittals Reviewed. None <input checked="" type="checkbox"/>						
	Submittal No.	Spec/Plan Reference	By Whom	Action Taken		
1.						
2.						
3.						
XI. Offsite Surveillance Activities. (include action taken) None <input checked="" type="checkbox"/>						



Daily Quality Control Report

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XII. Instructions Given by the Government to the Contractor. (Include names, reactions, and remarks) Verbal ☐ Written ☐ None ☒

XIII. Work Progress.

- | | |
|---|---|
| 1. Are there any Contractor caused delays? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| 2. Are there any Contractor-potential findings of fact? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| 3. Are there any Government caused delays or potential finding of fact? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| 4. Are there any Government-potential findings of fact? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| 5. Are there any unforeseeable or weather related delays? | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

XIV. Deficiency List.

Tracking No.	Deficiencies Identified (Not corrected by COB)	Tracking No.	Deficiencies Corrected (From Deficiency Tracking List)

XV. Remarks. (Include any visitors to project and miscellaneous remarks pertinent to work.)

Loaded, placarded, and shipped to Grassy Mountain 2 roll-off boxes of soil contaminated with PCBs ABOVE the TSCA limit (removed from 4111 B N. Bridge Circle on 7 April). Cape originally had three roll-off boxes but Enviro-Care brought out another empty one and had Cape put some of the soil from roll-off box # 3 into the 4th roll-off box since the previous box had been overweight. Loaded three 20 cy end-dump loads of non-TSCA PCB contaminated soil excavated from 4114 B Charleston Loop to Grassy Mountain.

About 45 cy of soil excavated from 4114 B Charleston Loop is stockpiled next to the excavation and will be loaded and hauled out tomorrow (13 April 2011). Soil is stockpiled on plastic sheeting and is covered with plastic sheeting.

MWH collected confirmation samples per Work Plans in both excavations at 4114 B Charleston Loop.

MWH also collected an additional 4 samples from 4111 B N. Bridge Circle to verify that west and south sides of excavation meet criteria. I understood that these were collected by request and had not been in the original work plan.

As of today it is estimated that 250 cy of soil were removed from 4111B N. Bridge Circle, 75 cy of soil have been removed from 4111A N. Bridge Circle, and 75 cy of soil have been removed from 4114B Charleston Loop. An additional 45 cy of soil is stockpiled at 4114B Charleston Loop and will be loaded and hauled out on 13 April 2011.

Site visitors included: Mark Roginske (Hill AFB PM). Jeff Long (URS), Rod Charlesworth (Boyer Hill), Mark Pace (Boyer Hill)

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with contract plans and specifications, except as noted above.

CQC Site Manager Tom Matzen, NWI (785.760.6617) **Date** 04/12/11

XVI. Government Quality Assurance Comments. (if applicable)

Concurs with the QC report? Yes ☐ No ☐

Additional comments or exceptions:

QAR Signature _____ **Date** _____

Supervisor's Initial _____ **Date** _____



Date	Time	Direction of View
04-12-11	0813	W

Subject

Hill AFB Housing area OU-13. Transferring some of the soil from roll-off box #3 into a 4th roll-off box in order to lighten the roll-off. Soil in roll-off is from excavation at 4111 B North Bridge Circle originally placed in the roll-off on 7 April 2011.



Date	Time	Direction of View
04-12-11	1019	E

Subject

Hill AFB Housing area OU-13. Excavating at the 4114 B Charleston Loop site.
Stockpiling soil on plastic sheeting until trucks arrive.



Date	Time	Direction of View
04-12-11	1141	E

Subject

Hill AFB Housing area OU-13. Excavating from the area beneath the sidewalk in front of the 4114 B Charleston Loop. Loading soil into end-dump #10.



Date	Time	Direction of View
04-12-11	1202	S

Subject

Hill AFB Housing area OU-13. Excavating from the area beneath the sidewalk in front of 4114 B Charleston Loop site.



Date	Time	Direction of View
04-12-11	1222	E

Subject

Hill AFB Housing area OU-13. Dust monitor on fence east side of at 4114 B Charleston Loop.



Date	Time	Direction of View
04-12-11	1238	S

Subject

Hill AFB Housing area OU-13. Completing excavation at 4114B Charleston Loop and loading end-dump truck #11.



Date	Time	Direction of View
04-12-11	1241	S

Subject

Hill AFB Housing area OU-13. Gas line in bottom of excavation below sidewalk area at 4114 B Charleston Loop.



Date	Time	Direction of View
04-12-11	1336	SE

Subject

Hill AFB Housing area OU-13. Loading 20 cy end-dump truck #12 at 4114 B Charleston Loop.



Date	Time	Direction of View
04-12-11	1417	NW

Subject

Hill AFB Housing area OU-13. Excavation at 4114B Charleston Loop completed to generally 2 ft depth. Note 4 ft depth area in upper center in NW corner. Terry Price is getting ready to collect confirmation samples.



Date	Time	Direction of View
04-12-11	1418	N

Subject

Hill AFB Housing area OU-13. Excavation at 4114B Charleston Loop completed to generally 2 ft depth. Note 4 ft depth area in center at east end of excavation.



Date	Time	Direction of View
04-12-11	1656	E

Subject

Hill AFB Housing area OU-13. Pin flags marking confirmation sample locations in excavation at 4114B Charleston Loop. Shown is the 4 ft deep section in the NE corner of the excavation.



Date	Time	Direction of View
04-12-11	1719	NE

Subject

Hill AFB Housing area OU-13. Samples being packed for shipment at 4114 B Charleston Loop.



Logbook Notes

Location HILL AFB UTAH Date 4-11-11
 Project / Client OU-13 PCB REMEDIATION /
USAF

1605 FINISH LOADING TRUCK #9

1648 ~~ALL TRU~~

1610 ALL 3 TRUCKS LEAVE FOR GRASSY
 MOUNTAIN (END DUMPS 7, 8, AND 9)

1630 SHUT DOWN FOR TODAY

Thomas A. Mader

Location HILL AFB UT Date 4-12-11
 Project / Client HOUSING AREA OU-13 PCB
REMEDIATION / AIR FORCE

0700 TAILGATE SAFETY BRIEF.
 AND POLICE UP AREA AROUND
 4111A AND B N. BRIDGE CIRC.

~~0705~~ CLOUDY TODAY, OCCASIONAL

~~074~~ LITRAINING 45°F

0715 SETTING UP TO EXCAVATE
 AT 4114 CHARLESTON ^{COOP} ~~CIRCLE~~ ^{M 4-12-11}

0745 ENRICO CARGO ROLL-OFF BOX TRUCK
 SHOWS UP - ROLL-OFFS HAVE BEEN OVER-
 WEIGHT. WILL HAVE TO TRANSFER SOIL
 FROM #3 ROLL-OFF INTO ANOTHER ROLL-OFF

0800 TOM HEADS OVER TO HAZ WASTE
 TO GET MORE MANIFESTS SIGNED

SETTING UP AN EMPTY ROLL-OFF
 BOX TO ROLL-OFF #3 SO SOME SOIL
 CAN BE TRANSFERRED FROM ROLL-OFF
 BOX #3 TO THE 4TH ROLL-OFF BOX

0800 TOM RETURNS WITH SIGNED
 MANIFESTS

0835 MARK PACB W/
 BOYARZ ALL STOPS IN

Location Hill AFB, UT Date 4-12-11
 Project / Client OU-13 TITLE II INSPECTION

0840 MARIC PACE LEAVES SITE,
 0845 TOM SETS STARTS EXC. 4114B CHARLESTON
 LOOP ⁴⁻¹²⁻¹¹ ENVIRO-CORE LEAVES WITH
 #4 ROLL OFF BOX. #3
 ROLL-OFF IS STILL ON SITE.

0945³⁰ MARK ROCINSKE ON SITE FOR
 VISIT
 TOM HAS FINISHED UP EXCAVATING TO
 TWO FT AT 4114B CHARLESTON
 LOOP ⁴⁻¹²⁻¹¹ CIRCLE. SOIL IS STOCK PILED AND
 READY TO LOAD OUT

1030 WAITING FOR ~~THE~~ TRUCKS

1100 TERRY PRICE ARRIVES

1135 TRUCKS ARRIVE - START LOADING
 TO END DUMP #10

TOM IS EXCAVATING THE MATERIAL
 UNDER THE SIDEWALK TO THE
 NORTH OF 4114B CHARLESTON
 LOOP.

MINIRAM W/READING 0.00 MG/m³
 MINIRAM DIW READING 0.00 NG/m³

Location Hill AFB, UT Date 4-12-11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

#	DATE TIME	LOC	SUBJECT
58	4-12-11 1204	S	EXCAVATION UNDER SIDEWALK IN FRONT OF 4114B CHARLESTON LOOP
59	4-12-11 1225	E	PERSONAL DATA RAM ON FENCE NEXT TO EXCAVATION 4114B CHARLESTON LOOP READS 0.00
60	4-12-11 1240	S	CONTINUING TO TREND AT 4114B CHARLESTON LOOP UNDER SIDEWALK
61	4-12-11 1338	SE	LOADING TRUCK # 12 WITH SOIL EXCAVATED FROM 4114B CHARLESTON LOOP CARPORT AREA

Location Hill AFB, UT Date 4.12.11Project / Client 04-13 PCB REMEDIATIONTITLE II INSPECTION

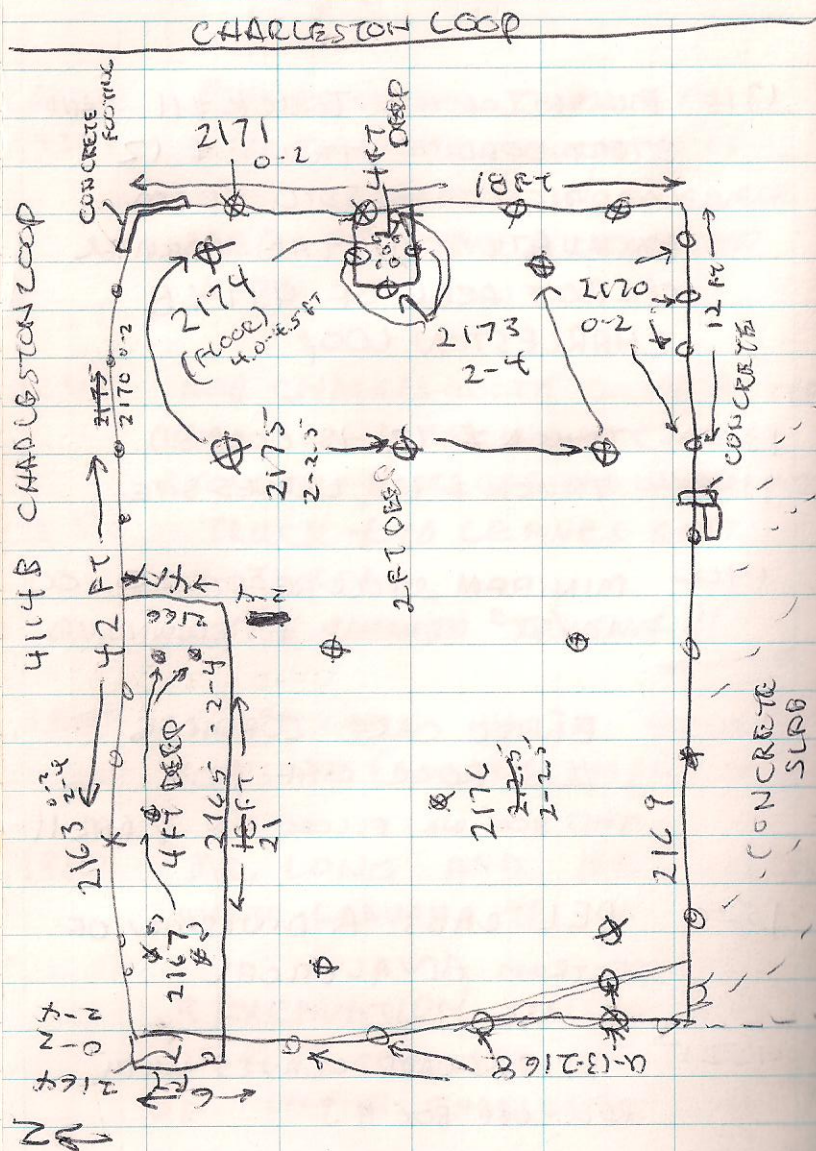
- 1220 FINISH LOADING TRUCK #10
 1225 START LOADING TRUCK #11
 STILL EXCAVATING IN SIDEWALK
 AREA OF 4114 B CHARLESTON
 LOOP
- 1245 ROD CHARLES WORTH WITH BOYER
 HILL ON-SITE. WHAT CAPE IS
 EXCAVATING NEAR GAS AND WATERLINE
- 1250 TRUCK #10 LEAVES SITE
 WITH LOAD
 STILL LOADING TRUCK #11
- 1300 JEFF LONG WITH ^{4.12.11} HOUSING ^{URS}
 STOPS BY (HOUSING INSPECTOR)
- 1310 MR. LONG AND MR. CHARLES
 WORTH LEAVE SITE
- EXCAVATION UNDER SIDE-
 WALK IS COMPLETE IN FRONT
 OF 4114 B CHARLESTON LOOP

Location Hill AFB, UT Date 4.12.11Project / Client 04-13 PCB REMEDIATION TITLEII INSPECTION

- 1315 FINISH LOADING TRUCK #11 AND
 START LOADING TRUCK #12
 LOADING OUT SOIL FROM
 EXCAVATION IN THE FORMER
 CARPORT AREA OF 4114 B
 CHARLESTON LOOP
- 1340 TRUCK #12 IS LOADED.
 1345 TRUCK #12 LEAVES SITE
- 1400 MINIRAM STILL READING 0.00
 MG/M³ UPWIND AND DOWNWIND
- 1505 ENVIRO CARE LOADING
 #3 ROLL-OFF BOX
 THIS BOX WAS FILLED ON 7 APR. 11
- 1520 PEL LABS A DIVISION OF
 SPECTRUM ANALYTICAL
- 1525 ENVIRO CARE LEAVES WITH
 ROLL-OFF BOX #3

Project / Client OU-13 PCB REMEDIATION

TITLE II INSPECTION



Project / Client OC-13 PCB REMEDIATION

TITLE II INSPECTION

PHOTO COG

#	DATE TIME		SUBJECT
62	4-12-11	X	TEART PREPARING TO
63	1415	N	SAMPLE 41148 CHARCOAL
64			CIRCLE CARPORT AREA

4.12.11
05 1350 W

PIN F&PC MARKING
SAMPLE # 2167
AT 41148 CHARLESTON
LOOP

12 APR 2011

SAMPLE #5 COLLECTED A
4114B CHARLSTON LOOP IN THE
CARPORT EXCAVATION

Q13	2170	2163 ⁰⁻³ 2-4	2172 0-2
	2171	2164 ⁰⁻² 2-4	2173 2-4
4/12/11	2172	2165 2-4	2174 4.4.5
	2173	2166 2-4	2175 2.2.5
	2174	2167 4.5	2176 2.2.5
	2176	2168 0-2	
		2169 0-2	
		2170 0-2	
		2171 0-2	

Location HILL AFB, UT Date 4-12-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

1530 ^{UPWIND} MINIRAM READING 0.052 MAX
ON FENCE ALONG CHARLESTON
LOOP TWA 0.00

DOWNWIND 0.00 - 0.025
TWA 0.005
MAX 0.086

1630 SAMPLES COLLECTED FROM
4114B CHARLESTON CIRCLE
TRENCH BENEATH SIDEWALK

4113-2177 0-2

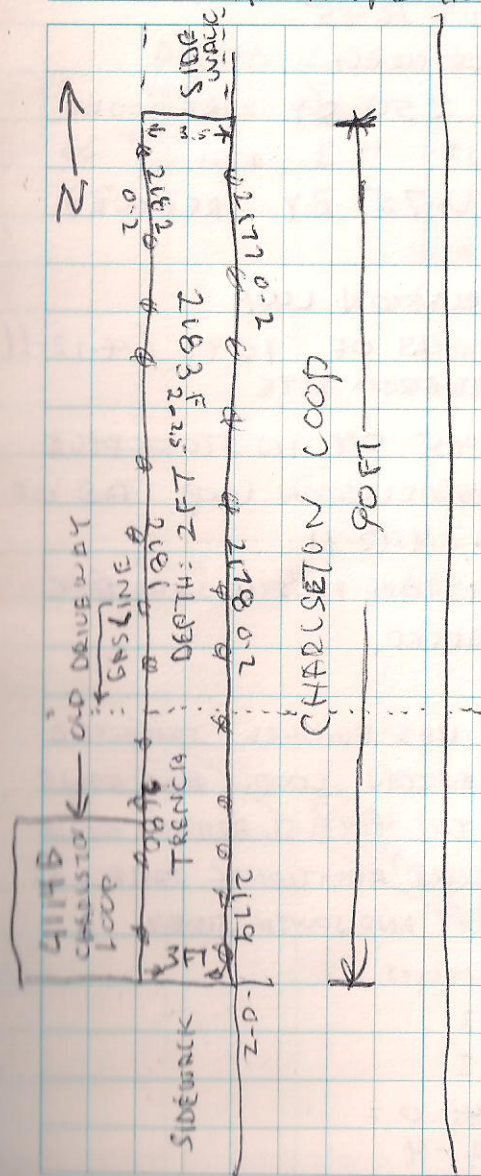
2178 0-2

2179 0-2

2180 0-2

2182 0-2

2183 2.25

~~2184 0-2~~~~2185 0-2~~~~2186 0-2~~513-~~2186 92186-2-4~~TW
4-12-11Location HILL AFB UTDate 4-12-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

Location HILL AFB UTAH Date 4-12-11Project / Client OU-13 PCB REMEDIATION TITLE II
INSPECTION4-12-11 1645

1645 4111B N BRIDGE CIRCLE

EST 250 CY REMOVED

4111A " " "

EST 75 CY REMOVED

4114B CHARLESTON LOOP

75 TDs AS OF 1645/4-12-11
REMOVED FROM SITEESTIMATE 45 CY IN STOCKPILE
AT 4114B CHARLESTON LOOP AS OF
1645 ON 4-12-11BLOCK PILE IS ON PLASTIC SHEETING
AND IS COVERED.1700 TERRY PRICE HAS FINISHED SAMPLING
AT CHARLESTON LOOP. HAS COME
BACK OVER TO 4111A N. BRIDGE CIRCLE
TO COLLECT SOME ADDITIONAL SAMPLES
ON THE WEST AND SOUTH SIDES

SAMPLES COLLECTED

2184 0-2

2185 0-2

2186 - ~~0-2~~ 0-2

2186 - 2-4

513 921 86 2-4

Location HILL AFB UT Date 4-12-11Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

#	DATE/TIME	PHOTO	LOG	4-12-11	SUBJECT
66	4-12-11 1652	X	E		FLAGGED SAMPLE LOC.
67			E		IN EXCAVATION AT
					4114B CHARLESTON LOOP
					(CARPORT EXCAVATION)
					SHOWS THE TWO 4 FT
					DEEP AREAS
					IN THE 2 FT (OVERALL)
					EXCAVATION
68	4-12-11 1720		NE		PACKING SAMPLES FOR
					SHIPMENT

Fluoride O. May
12 APR 11

Location HILL AFB UT Date 4.12.11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

1710 TERRY IS PACKING SAMPLES

1715 TERRY SAYS ~~30 SAMPLES~~ ^{4.12.11}
 27 PRIMARY SAMPLES
 3 DUPLICATES
 1 MS/MSD COLLECTED
 TODAY

1730 TERRY FINISHES UP FOR TODAY.

1745 ALL HANDS OFF-SITE

Thomas A. Mosen

12 APR 2011

Location HILL AFB, UT Date 4.13.11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

0655 ARRIVE SITE - TAIL GATE SAFETY
 BRIEFING

GET READY TO LOAD-OUT SOIL
 CAPE IS GOING TO REMOVE SOME
 ADDITIONAL SOIL FROM THE EXCAVATION
 AT 411B N. BRIDGE CIRC.

0715 BEGIN REMOVING A FEW MORE
 YDS FROM 411B N. BRIDGE CIRC.
 THIS IS BEING DONE PER
 TERRY PRICE (MWH) INSTRUCTION
 TERRY SAID THAT THE EAST
 SIDE ON THE NORTH END NEEDED
 TO GO FURTHER EAST UNTIL CAPE
 HITS THE IMPORTED ROAD BASE
 THAT WAS PREVIOUSLY BROUGHT
 IN AS CLEAN BACKFILL

CLEAR THIS A.M. WIND
 S FROM N.E. 35°F.

0745 FINISH EXCAVATING ADDITIONAL
 SOIL AT 411B N. BRIDGE CIRCLE

0750 END-DUMP #13 LOADED AND



Excavation Drawings 4114 B Charleston Loop

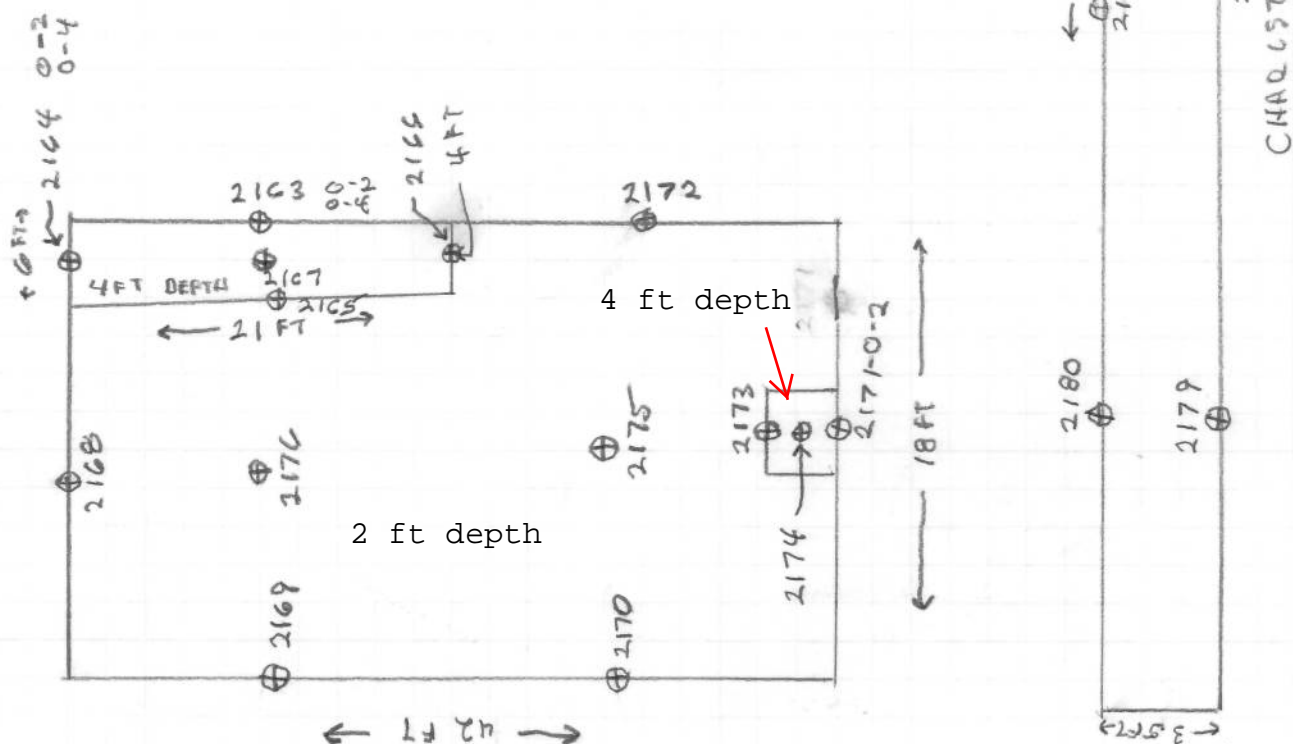
Excavation

2

SIDEWALK

NOTE: ALL FLOOR SAMPLES ARE 5-POINT COMPOSITES
ALL WALL SAMPLES ARE 4-POINT COMPOSITES

2 ft
depth





Sample Number Tables

Confirmation Soil Samples Collected in Excavations at 4114 B Charleston Loop, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	0-2	4-point comp
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	2-4	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	0-2	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	2-4	4-point comp
U13-2165	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall of 4 ft deep section in north west corner	2-4	4-point comp
U13-2166	12 Apr 2011	Excavation at 4114B Charleston Loop	East wall of 4 ft deep section in north west corner	2-4	4-point comp
U13-2167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner	4-4.5	5-point comp
S13-92167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner (sample duplicate)	4-4.5	5-point comp
U13-2168	12 Apr 2011	Excavation at 4114B Charleston Loop	West end wall	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at	South wall, west half (MS/MSD)	0-2	4-point comp

		4114B Charleston Loop			
U13-2170	12 Apr 2011	Excavation at 4114B Charleston Loop	South sidewall, east half	0-2	4-point comp
U13-2171	12 Apr 2011	Excavation at 4114B Charleston Loop	East end wall	0-2	4-point comp
U13-2172	12 Apr 2011	Excavation at 4114B Charleston Loop	North side wall, east half	0-2	4-point comp
U13-2173	12 Apr 2011	Excavation at 4114B Charleston Loop	All four walls of 4 ft deep area in middle of east end of excavation.	2-4	4-point comp
U13-2174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation.	4-4.5	5-point comp
S13-92174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation (sample duplicate)	4-4.5	5-point comp
U13-2175	12 Apr 2011	Excavation at 4114B Charleston Loop	East half of excavation, floor	2-2.5	5-point comp
U13-2176	12 Apr 2011	Excavation at 4114B Charleston Loop	West half of excavation, floor	2-2.5	5-point comp
U13-2177	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, north 1/3	0-2	4-point comp
U13-2178	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, middle 1/3	0-2	4-point comp
U13-2179	12 Apr 2011	Excavation at	Sub-sidewalk excavation, east wall,	0-2	4-point comp

		4114B Charleston Loop	south 1/3		
U13-2180	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, south 1/3	0-2	4-point comp
U13-2181	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, middle 1/3	0-2	4-point comp
U13-2182	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, north 1/3	0-2	4-point comp
U13-2183	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, floor	2-2.5	5-point comp

Confirmation Soil Samples Collected in Excavation at 4111 B North Bridge Circle, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type
U13-2184	12 Apr 2011	Excavation at 4111B N. Bridge Circle	South end wall	0-2	4-point composite
U13-2185	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, south half	0-2	4-point composite
U13-2186	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half	0-2	4-point composite
U13-2186	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half	2-4	4-point composite
S13-92186	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half (sample duplicate)	2-4	4-point composite



Daily Quality Control Report

Page 1 of 11

FA8903-08-D-8786 TO 0011		North Wind, Inc		Title II Oversight Hill AFB Housing Area PCB Remediation OU 13	
Project Number: KRSM20110835		(Remediation Contr is Cape)			
Contract Number / Task Order Number		Contractor		Project Title / NWI Project No.	
5		04/13/11		Hill AFB, UT Freedom Terrace Housing Area OU-13	
CQC Report Number		Date or Time Period		Location and Team	
I. Weather Conditions:					
Temp Low	40	Temp High	65 F	Cloudy	<input type="checkbox"/>
Wind Speed	5-10	Precipitation	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Partly Cloudy	<input type="checkbox"/>
From	NE			Clear	<input checked="" type="checkbox"/>
II. Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action)					
Preparatory <input type="checkbox"/>					
Initial <input checked="" type="checkbox"/>					
Follow-Up <input checked="" type="checkbox"/>					
Was the construction deficiency tracking list updated this date? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
III. Was Field Sampling and Testing Performed This Date? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
If yes, then complete the following:					
	Type of test	Method/Matrix	Results		
1.	Dust Monitoring	Mini Ram/Air	TWA 0.0 upwind – 0.014 downwind		
2.					
3.					
Have Data Quality Objectives been achieved? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
IV. Have Samples Been Collected for Laboratory Analysis? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
If yes, then complete the following:					
	Type of Test	EPA Test Method/Matrix	Quantity of Samples		
1.					
2.					
3.					
Have required amount of QC trip blanks and rinseates been achieved? Yes <input type="checkbox"/> No <input type="checkbox"/>					
Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes <input type="checkbox"/> No <input type="checkbox"/>					
Have QA and QC samples been collected in the specified quantity? Yes <input type="checkbox"/> No <input type="checkbox"/>					
Have samples been properly labeled and packaged? Yes <input type="checkbox"/> No <input type="checkbox"/>					
V. Health and Safety.					
Worker protection levels this date: Level A <input type="checkbox"/> Level B <input type="checkbox"/> Level C <input type="checkbox"/> Level D <input checked="" type="checkbox"/>					
Was any work activity conducted within a confined space? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Were approved decontamination procedures used on workers and equipments as required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Was a Job Safety Meeting held this date? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Were there any lost time accidents this date? (If YES, attach copy of completed accident report) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Was hazardous waste/material released into the environment? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
Safety comments: (Include any infractions of approved safety plan, and include instructions from Government personnel. Specify corrective action taken.)					
Went over eye protection, equipment hazards and slip, trips, falls related to poor footing in work area.					
VI. Work Activities Performed This Date.					
	Reference (DFW #/Tech Spec #)	Activity & Location	Quantity	Subcontractor	
1.	WP	Blue Stakes has cleared dig areas. Dig ticket number is C10890078		Cape	
2.	WP	Boyer Hill Utilities has marked all utilities		Cape	
3.	WP	Excavated more soil (about 25 cy) from the	25 cy	Cape	

		excavation at 4111B North Bridge Circle.	soil	
4.	WP	Finished loading PCB contaminated soil at 4114 B Charleston Loop. Loaded two 20 cy end dumps (numbers 14 and 15). This was soil that had been stockpiled on plastic sheeting (and covered) yesterday (12 April 2011).	Approx 50 cy soil	Cape
5	WP	Excavation dimensions and confirmation sample locations surveyed at 4111B and 4111 A North Bridge Circle and at 4114 B Charleston Loop.		Bush and Gudgeon, Inc

VII. Labor & Manpower.				
	Classification	Number	Employer	Hours
1.	SS/SSHO/QC	1	Cape	8
2.	Laborer	1	Cape	8
3.	EO			
4.	Foreman			
5.	Tech	1	MWH	1
6.	Title II Inspector	1	NWI	8
Total Hours				25

VIII. Equipment.						
	No. of Units	Plant/Equipment	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
1.	1	Dust Monitor		5		
2.	1	John Deere 135C Excavator	04/12/11	6	2	
3.	1	Bobcat T250	04/12/11	2	6	
4.	1	2500 Chevy Pickup	04/12/11	2	6	
5.	1	250 gallon water trailer with pump/hose/nozzle	04/08/11	0	8	
6.	1	3 End dump trucks (Inviro-Care	04/12/11	4	1	
7.						
8.						
9.						
10.						
Total Hours				21	19	0

IX. Material Received to be Incorporated into Job.				None <input checked="" type="checkbox"/>
	Acceptability	Stored Where?	Reference Plans/Drawings	
1.				
2.				
3.				

X. Submittals Reviewed.				None <input checked="" type="checkbox"/>
	Submittal No.	Spec/Plan Reference	By Whom	Action Taken
1.				
2.				
3.				

XI. Offsite Surveillance Activities. (include action taken)				None <input checked="" type="checkbox"/>

XII. Instructions Given by the Government to the Contractor. (Include names, reactions,				Verbal <input type="checkbox"/> Written <input type="checkbox"/> None <input checked="" type="checkbox"/>
---	--	--	--	---

and remarks)			
XIII. Work Progress.			
1.	Are there any Contractor caused delays?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2.	Are there any Contractor-potential findings of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3.	Are there any Government caused delays or potential finding of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4.	Are there any Government-potential findings of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5.	Are there any unforeseeable or weather related delays?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
XIV. Deficiency List.			
Tracking No.	Deficiencies Identified (Not corrected by COB)	Tracking No.	Deficiencies Corrected (From Deficiency Tracking List)
XV. Remarks. (Include any visitors to project and miscellaneous remarks pertinent to work.)			
Loaded two 20 cy end-dumps (# 14 and 15) with non-TSCA PCB contaminated soil excavated from 4114 B Charleston Loop. Shipped to Grassy Mountain.			
Loaded one 20 cy end dump with additional soil from 4111B N. Bridge Circle. This was at the recommendation of Terry Price (MWH). Additional soil was removed from the west side of the excavation at the north end. This extended the excavation into the area of previously imported clean fill. Filled one end-dump (#13) with this material.			
Cape has received preliminary results for the confirmation samples collected at 4111 A and B North Bridge Circle. Preliminary results indicate that all sample results are below the screening level except for U13-2151 (a composite collected from the middle portion of the east wall of the excavation at 4111 B North Bridge Circle). The result is borderline and is being verified and validated by Cape.			
As of today it is estimated that 275 cy of soil have been removed from 4111B N. Bridge Circle, 75 cy of soil have been removed from 4111A N. Bridge Circle, and 125 cy of soil have been removed from 4114B Charleston Loop.			
Site visitors included: Mark Roginske (Hill AFB PM). Jeff Long (URS)			
The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with contract plans and specifications, except as noted above.			
CQC Site Manager		Date	
Tom Matzen, NWI (785.760.6617)		04/13/11	
XVI. Government Quality Assurance Comments. (if applicable)			
Concurs with the QC report?		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Additional comments or exceptions:			
QAR Signature		Date	
_____		_____	
Supervisor's Initial		Date	
_____		_____	



Date	Time	Direction of View
04-13-11	0724	NW

Subject

Hill AFB Housing area OU-13. Excavating some additional soil at 4111 B North Bridge Circle. Removed about 20-25 cy and loaded into end-dump #13.



Date	Time	Direction of View
04-13-11	0805	S

Subject

Hill AFB Housing area OU-13. Loading stockpiled soil at the 4114 B Charleston Loop site. Soil was stockpiled on plastic sheeting yesterday (12 Apr 2011). Loading end-dump #14.



Date	Time	Direction of View
04-13-11	1112	S

Subject

Hill AFB Housing area OU-13. Surveyor (Bush and Gudgell, Inc) surveying excavation at 4111 A North Bridge Circle.



Date	Time	Direction of View
04-13-11	1135	SW

Subject

Hill AFB Housing area OU-13. Surveying excavation at 4111 B North Bridge Circle.



Date	Time	Direction of View
04-13-11	1156	S

Subject

Hill AFB Housing area OU-13. Loading end-dump #15 with soil from 4114 B Charleston Loop. Note pin flags in sub-sidewalk excavation marking were confirmation soil samples were collected on 12 April 2011.



Date	Time	Direction of View
04-13-11	1207	SW

Subject

Hill AFB Housing area OU-13. Surveying excavation dimensions and confirmation soil sample locations at 4114B Charleston Loop (carport area).



Date	Time	Direction of View
04-13-11	1245	N

Subject

Hill AFB Housing area OU-13. Surveying dimensions and confirmation soil sample locations for excavation below sidewalk area at 4114 B Charleston Loop.



Logbook Notes

Location HILL AFB UT Date 4.12.11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

1710 TERRY IS PACKING SAMPLES
 1715 TERRY SAYS ~~30 SAMPLES~~ ^{4.12.11}
 27 PRIMARY SAMPLES
 3 DUPLICATES
 1 MS/MSD COLLECTED
 TODAY
 1730 TERRY FINISHES UP FOR TODAY.
 1745 ALL HANDS OFF-SITE

Thomas A. Mosen

12 APR 2011

Location HILL AFB, UT Date 4.13.11
 Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

0655 ARRIVE SITE - TAIL GATE SAFETY
 BRIEFING
 GET READY TO LOAD-OUT SOIL
 CAPE IS GOING TO REMOVE SOME
 ADDITIONAL SOIL FROM THE EXCAV-
 ATION AT 411B N. BRIDGE CIRC.
 0715 BEGIN REMOVING A FEW MORE
 YDS FROM 411B N. BRIDGE CIRC.
 THIS IS BEING DONE PER
 TERRY PRICE (MWH) INSTRUCTION
 TERRY SAID THAT THE EAST
 SIDE ON THE NORTH END NEEDED
 TO GO FURTHER EAST UNTIL CAPE
 HITS THE IMPORTED ROAD BASE
 THAT WAS PREVIOUSLY BROUGHT
 IN AS CLEAN BACKFILL

CLEAR THIS A.M. WIND
 S FROM N.E. 35°F.

0745 FINISH EXCAVATING ADDITIONAL
 SOIL AT 411B N. BRIDGE CIRCLE
 0750 END-DUMP #13 LOADED AND

Location HILL AFB UT Date 4-13-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / ARCEE

PHOTO LOG 4-13-11

- | # | DATE
TIME | | SUBJECT |
|----|--------------|----|---|
| 69 | 4-13-11 0730 | NW | REMOVING MORE
YDS FROM 4114B
N. BRIDGE CIRC (TRACK
#13) |
| 70 | 4-13-11 0805 | S | LOADING SOIL EXCAVATED
FROM 4114B CHARLESTON
LOOP INTO TRACK END-
DUMP #14 |
| 71 | " 1020 | E | SURVEYORS SETTING
UP TO SURVEY EXCAVATION |
| 72 | " 1114 | S | SURVEYING EXCAVATION
AT 4111A N. BRIDGE CIRC. |
| 73 | " 1135 | W | SURVEYING EXC AT
4111B N. BRIDGE CIRC. |
| 74 | " 1200 | S | LOADING LAST OF SOIL
REMOVED FROM 4114B
CHARLESTON LOOP INTO
END-DUMP #15 |

Location HILL AFB, UT Date 4-13-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION
CONT. FROM 106

- | | | | |
|--|--|--|---|
| | | | READY TO GO |
| | | | 0750 MOVE EXCAVATOR BACK OVER |
| | | | OVER TO 4114B CHARLESTON
LOOP. |
| | | | 0800 END DUMP #14 IS POSITIONED
TO LOAD SOIL FROM 4114B CHARL
ESTON LOOP |
| | | | END DUMP #13 LEAVES SITE
WITH LOAD. TERRY PRICE ARRIVE
TO FLAG SOME LOCATIONS |
| | | | 0830 END DUMP #14 IS LOADED
AND LEAVES SITE |
| | | | 0845 MARK MARK RODINSKIE
STOPS BY TO CHECK ON
PROGRESS |
| | | | 0915 MARK OFF-SITE
SURVEYORS ARRIVE
SURVEYOR IS BUSH AND
GUDGELL, INC. |
| | | | 1130 SURVEY COMPLETE AT
4111A AND B N. BRIDGE CIRC |

Location HILL AFB, UT Date 13 APR 11Project / Client OR-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

1145 END-DUMP #15 ARRIVES -
POSITIONED FOR LOADING REMAINING
SOIL FROM 4114B CHARLESTON
LOOP

1155 DOWNWIND MINIRAM INDICATES
TWA OF 0.014
UPWIND READS 0.000
(TWA).

1240 FINISH LOADING END-DUMP #15.
ALL EXCAVATION WORK IS COMPLETE
AND WAITING NOW ON CONF SOIL
SAMPLE RESULTS

JEFF LONG WITH URS STOPS BY
1315 ~~1330~~ SURVEYORS FINISHUP AND LEAVE
SITE

1345 MR LONG LEAVES SITE.

1350 CAPE SAYS AND PRELIMINARY
ANALYTICAL RESULTS FOR 4111A
NEBRIDGE CERCLA ARE ALL BELOW
THE SCREENING LEVEL $< 1.0 \text{ mg/m}^3$

Location HILL AFB, UT Date 4.13.11Project / Client OR-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

		PHOTO LOG 4.13.11		
#	DATE	TIME	X	SUBJECT
75	4.13.11	1200	S	UNDER-SIDEWALK EXC AT 4114B CHARLES STON & LOOP - SHOWING PIN FLAGS MARKING CONF SAMP LOCATIONS
76		1210		SURVEYOR ON EXC.. AT 4114B CHARLESTON LOOP (CARPORT AREA)
77	4.13.11	1245		SURVEYOR SURVEYING THE SUB-SIDEWALK EXC AT 4114B CHARLESTON LOOP

Handwritten signature: J. Long
13 APR 2011

Location HILL AFB, UT Date 4-13-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

CONT FROM LOG

TM 4-13-11

2151

BUT THAT SAMPLE ~~# 2151~~ON THE ^{MIDDLE} ~~NORTHERN~~ END OF THE

EAST SIDEWALL MAY BE

ABOVE THE SCREENING LEVEL

FINAL ANALYSIS REMAINS TO BE DONE

1500 LEAVE SITE FOR TODAY.

Thomas A. Nelson

13 APRIL 2011

Location _____ Date _____

Project / Client _____



Daily Quality Control Report

Page 1 of 12

FA8903-08-D-8786 TO 0011		North Wind, Inc		Title II Oversight Hill AFB Housing Area PCB Remediation OU 13	
Project Number: KRSM20110835		(Remediation Contr is Cape)			
Contract Number / Task Order Number		Contractor		Project Title / NWI Project No.	
6		04/14/11		Hill AFB, UT Freedom Terrace Housing Area OU-13	
CQC Report Number		Date or Time Period		Location and Team	

I. Weather Conditions:

Temp Low 37 Temp High 56 F Cloudy ☒ Partly Cloudy ☐ Clear ☒

Wind Speed 5-10 Precipitation ☐ No ☒ Yes Trace snow in AM ☐

From NE

II. Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action)

Preparatory ☐

Initial ☒

Follow-Up ☒

Was the construction deficiency tracking list updated this date? Yes ☐ No ☒

III. Was Field Sampling and Testing Performed This Date? Yes ☐ No ☐

If yes, then complete the following:

	Type of test	Method/Matrix	Results
1.	Dust Monitoring	Mini Ram/Air	Did not run mini-ram, only ran excavator for about 20 min
2.			
3.			

Have Data Quality Objectives been achieved? Yes ☒ No ☐

IV. Have Samples Been Collected for Laboratory Analysis? Yes ☐ No ☒

If yes, then complete the following:

	Type of Test	EPA Test Method/Matrix	Quantity of Samples
1.			
2.			
3.			

Have required amount of QC trip blanks and rinseates been achieved? Yes ☐ No ☐

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes ☐ No ☐

Have QA and QC samples been collected in the specified quantity? Yes ☐ No ☐

Have samples been properly labeled and packaged? Yes ☐ No ☐

V. Health and Safety.

Worker protection levels this date: Level A ☐ Level B ☐ Level C ☐ Level D ☒

Was any work activity conducted within a confined space? Yes ☐ No ☒

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☒

Were approved decontamination procedures used on workers and equipments as required? Yes ☒ No ☐

Was a Job Safety Meeting held this date? Yes ☒ No ☐

Were there any lost time accidents this date? (If YES, attach copy of completed accident report) Yes ☐ No ☒

Was hazardous waste/material released into the environment? Yes ☐ No ☒

Safety comments: (Include any infractions of approved safety plan, and include instructions from Government personnel. Specify corrective action taken.)

Went over eye protection, equipment hazards and slip, trips, falls related to poor footing in work area.

VI. Work Activities Performed This Date.

	Reference (DFW #/Tech Spec #)	Activity & Location	Quantity	Subcontractor
1.	WP	Blue Stakes has cleared dig areas. Dig ticket number is C10890078		Cape
2.	WP	Boyer Hill Utilities has marked all utilities		Cape
3.	WP	Excavated more soil (about 40 cy) from the	40 cy	Cape



Daily Quality Control Report

Page 2 of 12

		excavation at 4114B Charleston Loop because confirmation samples from the west half of the excavation exceeded the screening level.	soil	
4.	WP	Stacked soil on plastic sheeting and covered. Cape will load out soil tomorrow.	Approx 40 cy soil	Cape

VII. Labor & Manpower.						
	Classification	Number	Employer	Hours		
1.	SS/SSHO/QC	1	Cape	8		
2.	Laborer	1	Cape	8		
3.	EO					
4.	Foreman					
5.	Tech	1	MWH	1		
6.	Title II Inspector	1	NWI	8		
Total Hours				25		
VIII. Equipment.						
	No. of Units	Plant/Equipment	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
1.	1	Dust Monitor		0		
2.	1	John Deere 135C Excavator	04/14/11	0.5	2	
3.	1	Bobcat T250	04/14/11	2	6	
4.	1	2500 Chevy Pickup	04/14/11	2	6	
5.	1	250 gallon water trailer with pump/hose/nozzle	04/08/11	0	8	
6.					1	
7.						
8.						
9.						
10.						
Total Hours				4.5	23	0
IX. Material Received to be Incorporated into Job. None <input checked="" type="checkbox"/>						
	Acceptability	Stored Where?	Reference Plans/Drawings			
1.	Bank run fill from Geneva Rock. Material looks good. Cape is obtaining a "clean native material cert"	Adjacent to 4111 A N. Bridge Circl	WP			
2.						
3.						
X. Submittals Reviewed. None <input checked="" type="checkbox"/>						
	Submittal No.	Spec/Plan Reference	By Whom	Action Taken		
1.						
2.						
3.						
XI. Offsite Surveillance Activities. (include action taken) None <input checked="" type="checkbox"/> 						
XII. Instructions Given by the Government to the Contractor. (Include names, reactions, Verbal <input type="checkbox"/> Written <input type="checkbox"/> None <input checked="" type="checkbox"/>						

NWI-CQCF-001.1_Rev 0
Effective: 01/27/06



and remarks) 			
XIII. Work Progress.			
1.	Are there any Contractor caused delays?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2.	Are there any Contractor-potential findings of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3.	Are there any Government caused delays or potential finding of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
4.	Are there any Government-potential findings of fact?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
5.	Are there any unforeseeable or weather related delays?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
XIV. Deficiency List.			
Tracking No.	Deficiencies Identified (Not corrected by COB)	Tracking No.	Deficiencies Corrected (From Deficiency Tracking List)
XV. Remarks. (Include any visitors to project and miscellaneous remarks pertinent to work.)			
Cape excavated an additional 40 cy (estimated) of non-TSCA PCB contaminated soil excavated from 4114 B Charleston Loop because confirmation soil samples indicate that the west half of the excavation (carport area) still contained PCBs above the screening level.			
Cape brought in about 80 cy of clean fill today and stockpiled it next to 4111 A N. Bridge Circle			
In the attached sample number table the samples that exceeded the screening level are high-lighted			
Site visitors included: Mark Roginske (Hill AFB PM). Oscar Torres (Hill AFB Env)			
The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with contract plans and specifications, except as noted above.			
CQC Site Manager		Tom Matzen, NWI (785.760.6617)	Date 04/14/11
XVI. Government Quality Assurance Comments. (if applicable)			
Concurs with the QC report?		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Additional comments or exceptions:			
QAR Signature		Date	
Supervisor's Initial		Date	



Date **Time** **Direction of View**
 04-14-11 0902 W

Subject

Hill AFB Housing area OU-13. Bank-run fill obtained from Geneva Rock stockpiled near 4111 A North Bridge Circle.



Date	Time	Direction of View
04-14-11	1346	W

Subject

Hill AFB Housing area OU-13. Removing additional soil from the west half of the carport area excavation at 4114 B Charleston Loop. Confirmation sample results indicate that the soil samples in this area still exceeded the screening level.



Date	Time	Direction of View
04-14-11	1501	NE

Subject

Hill AFB Housing area OU-13. Removed soil stockpiled adjacent to excavation at 4114 B Charleston Loop carport area.



Date	Time	Direction of View
04-14-11	1517	N

Subject

Hill AFB Housing area OU-13. Unloading imported clean fill at 4111 A North Bridge Circle.



Logbook Notes

Location HILL AFB, UT Date 4-13-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE

CONT FROM LOG

TH 4-13-11
2151

BUT THAT SAMPLE ~~# 2151~~
ON THE ^{MIDDLE} ~~NORTHERN~~ OF THE
EAST SIDEWALL MAY BE
ABOVE THE SCREENING LEVEL
FINAL ANALYSIS REMAINS TO BE DONE

1500 LEAVE SITE FOR TODAY.

Handwritten signature:
H. A. Nelson

13 APRIL 2011

Location HILL AFB, UT Date 4-14-11Project / Client OU-13 PCB REMEDIATIONTITLE II INSPECTION / AFCEE0730 ARRIVE SITE - TAILGATE SAFETY
BRIEFINGCAPE IS PREPARING TO BACKFILL
EXCAVATIONS0750 TOM GOES UP TO NORTH GATE
TO GET GENEVA ROCK IN WITH
A LOAD OF FILL0840 GENEVA ROCK SHOWS UP WITH
A TRUCK AND PUP WITH ABOUT
20 CY OF FILL (BANK RUN)0908 MARK RULINSKE STOPPED IN TO
CHECK PROGRESS. DISCUSSED
CONFIRMATION SAMPLE RESULTS1045 WAITING ON VALIDATED SAMPLE
RESULTS1045 GENEVA ROCK SHOWS UP
WITH ANOTHER 20 YDS OF
BANK RUN FILL.

Location HILL AFB UT Date 4.14.11Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION

1050 AGE C GEOTECH WILL DO PROCTOR
AND NUCLEAR GAGE TESTING
ACCORDING TO TOM (CAPE)

CONTINUE WAITING ON CONF
SAMPLE RESULTS

1130 CONF SAMPLE RESULT INDICATE
THAT THE FOLLOWING SAMPLES
EXCEED THE SCREENING LEVEL:

SAMPLE #	RESULT mg/kg	PCB
2151-0-2	1.4	1260
2164-0-2	3.4	1260
2164-2-4	1.3	1260
2165-2-4	2.2	1260
2165-2-4	1.2	1254
2166-2-4	1.0	1260
2166-2-4	2.7	1254
2168-0-2	2.4	1260
2176-2-2.5	28.0	1260
2179-0-2	4.2	1260
2186-2-4	11	1260

Location HILL AFB UT Date 4.14.11Project / Client OU-13 PCB REMEDIATION
TITLE II INSPECTION / AFCEE

PHOTO LOC 4.14.11

DATE/TIME 4 SUBJECT~~0800~~

78 4.14.11 0800 SW BANK RUN IMPORTED
FILL

79 " 1350 W CAPE HAS EXCAVATED
TWO MORE FT DOWN
IN WEST 1/2 OF
4114B CHARLES ON
LOOP BECAUSE SOIL
SAMPLE 2175 EXCEED
ED SCREENING LEVELS

80 " 1500 NE ~~NE~~ SOIL STOCKPILE
COVERED WITH PLASTIC
SOIL WILL BE LOADED OUT
TOMORROW MORNING

81 " 1515 CENEVA ROCK DELIVERING
82 ALONG.

83

Location HILL AFB, UT. Date 4.14.11Project / Client 002-13 PCB REMEDIATION
AFTITLE II INSPECTION/AFCEE.

1300 CAPE MOVES EQUIPMENT OVER TO 4114A CHARLESTON LOOP AND STARTS REMOVING MORE SOIL IN AREA IN WEST 1/2 OF EXCAVATION WHERE SCREENING LEVELS WERE EXCEED IN THE FIRST ROUND OF CONFIRMATION SAMPLES.

1400

1430 MARK AGGINSKE AND OSCAR TORRES ON-SITE. MARK IS OFF TOMORROW SO OSCAR IS WILL BE P.O.C. FOR HILL.

1515 GENEVA ROCK BRINGS IN ANOTHER LOAD,

1520 CAPE STARTS BACKFILLING AT 4111A N. BRIDGE CIRCLE

1600 ~~STOP FOR TODAY~~ TH 4.14.11
STOP WORK FOR TODAY

Location _____ Date _____

Project / Client _____



Sample Number Tables Showing Samples that Exceed Screening Level

Confirmation Soil Samples Collected in Excavation at 4111 B North Bridge Circle, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2184	12 Apr 2011	Excavation at 4111B N. Bridge Circle	South end wall	0-2	4-point composite
U13-2185	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, south half	0-2	4-point composite
U13-2186	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half	0-2	4-point composite
U13-2186 2-4	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half	2-4	4-point composite/11.0 mg/kg
S13-92186	12 Apr 2011	Excavation at 4111B N. Bridge Circle	West side wall, north half (sample duplicate)	2-4	4-point composite

Confirmation Soil Samples Collected in Excavations at 4114 B Charleston Loop, Hill AFB, UT

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	0-2	4-point comp
U13-2163	12 Apr 2011	Excavation at 4114B Charleston Loop	North sidewall, west half	2-4	4-point comp
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	0-2	4-point comp/3.4 mg/kg
U13-2164	12 Apr 2011	Excavation at 4114B Charleston Loop	North west corner	2-4	4-point comp/1.3 mg/kg
U13-2165	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall of 4 ft deep section in north west corner	2-4	4-point comp/3.4 mg/kg
U13-2166	12 Apr 2011	Excavation at 4114B Charleston Loop	East wall of 4 ft deep section in north west corner	2-4	4-point comp/12.7 mg/kg

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner	4-4.5	5-point comp
S13-92167	12 Apr 2011	Excavation at 4114B Charleston Loop	Bottom of 4 ft deep section in north west corner (sample duplicate)	4-4.5	5-point comp
U13-2168	12 Apr 2011	Excavation at 4114B Charleston Loop	West end wall	0-2	4-point comp/2.4 mg/kg
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half	0-2	4-point comp
U13-2169	12 Apr 2011	Excavation at 4114B Charleston Loop	South wall, west half (MS/MSD)	0-2	4-point comp
U13-2170	12 Apr 2011	Excavation at 4114B Charleston Loop	South sidewall, east half	0-2	4-point comp
U13-2171	12 Apr 2011	Excavation at 4114B Charleston Loop	East end wall	0-2	4-point comp
U13-2172	12 Apr 2011	Excavation at 4114B Charleston Loop	North side wall, east half	0-2	4-point comp
U13-2173	12 Apr 2011	Excavation at 4114B Charleston Loop	All four walls of 4 ft deep area in middle of east end of excavation.	2-4	4-point comp
U13-2174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation.	4-4.5	5-point comp
S13-92174	12 Apr 2011	Excavation at 4114B Charleston Loop	Floor of 4 ft deep area in middle of east end of excavation (sample duplicate)	4-4.5	5-point comp
U13-2175	12 Apr 2011	Excavation at 4114B Charleston Loop	East half of excavation, floor	2-2.5	5-point comp

Location ID	Collection Date	Collection Area	Collected From	Depth (ft)	Soil Sample Type/Analytical Result
U13-2176	12 Apr 2011	Excavation at 4114B Charleston Loop	West half of excavation, floor	2-2.5	5-point comp/28 mg/kg
U13-2177	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, north 1/3	0-2	4-point comp
U13-2178	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, middle 1/3	0-2	4-point comp
U13-2179	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, east wall, south 1/3	0-2	4-point comp/4.2 mg/kg
U13-2180	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, south 1/3	0-2	4-point comp
U13-2181	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, middle 1/3	0-2	4-point comp
U13-2182	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, west wall, north 1/3	0-2	4-point comp
U13-2183	12 Apr 2011	Excavation at 4114B Charleston Loop	Sub-sidewalk excavation, floor	2-2.5	5-point comp

Red highlight = Confirmation soil sample analytical result that exceeds soil screening level

Green highlight = Quality control sample



Daily Quality Control Report

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FA8903-08-D-8786 TO 0011		North Wind, Inc		Title II Oversight Hill AFB Housing Area PCB Remediation OU 13	
Project Number: KRSM20110835		(Remediation Contr is Cape)			
Contract Number / Task Order Number		Contractor		Project Title / NWI Project No.	
7		04/15/11		Hill AFB, UT Freedom Terrace Housing Area OU-13	
CQC Report Number		Date or Time Period		Location and Team	

I. Weather Conditions:

Temp Low 35 Temp High 56 F Cloudy ☐ Partly Cloudy ☐ Clear ☒

Wind Speed 5-10 Precipitation ☒No ☐Yes

From NE

II. Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action)

Preparatory ☐

Initial ☒

Follow-Up ☒

Was the construction deficiency tracking list updated this date? Yes ☐ No ☒

III. Was Field Sampling and Testing Performed This Date? Yes ☐ No ☐

If yes, then complete the following:

	Type of test	Method/Matrix	Results
1.	Dust Monitoring	Mini Ram/Air	0.00 mg/m3
2.			
3.			

Have Data Quality Objectives been achieved? Yes ☒ No ☐

IV. Have Samples Been Collected for Laboratory Analysis? Yes ☒ No ☐

If yes, then complete the following:

	Type of Test	EPA Test Method/Matrix	Quantity of Samples
1.	Confirmation Sample	8082 for PCBs/Soil	7 primaryß
2.	Confirmation Sample QC	8082 for PCBs/Soil	1 MS/MSD and 1 field duplicate
3.			

Have required amount of QC trip blanks and rinseates been achieved? Yes ☒ No ☐

Have appropriate QC laboratory tests been ordered? (matrix spikes, method blanks, surrogates, reference standards, etc.) Yes ☒ No ☐

Have QA and QC samples been collected in the specified quantity? Yes ☒ No ☐

Have samples been properly labeled and packaged? Yes ☒ No ☐

V. Health and Safety.

Worker protection levels this date: Level A ☐ Level B ☐ Level C ☐ Level D ☒

Was any work activity conducted within a confined space? Yes ☐ No ☒

Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☒

Were approved decontamination procedures used on workers and equipments as required? Yes ☒ No ☐

Was a Job Safety Meeting held this date? Yes ☒ No ☐

Were there any lost time accidents this date? (If YES, attach copy of completed accident report) Yes ☐ No ☒

Was hazardous waste/material released into the environment? Yes ☐ No ☒

Safety comments: (Include any infractions of approved safety plan, and include instructions from Government personnel. Specify corrective action taken.)

Went over eye protection, equipment hazards and slip, trips, falls related to poor footing in work area.

VI. Work Activities Performed This Date.

	Reference (DFW #/Tech Spec #)	Activity & Location	Quantity	Subcontractor
1.	WP	Loaded 40 cy of soil excavated yesterday from from the excavation at 4114B Charleston Loop because confirmation samples from the west half of the	40 cy soil	Cape

		excavation exceeded the screening level.		
2.	WP	Excavated an additional 20 cy of soil from the excavation at 4111B North Bridge Circle. This additional soil was removed from the side walls were sample numbers 2151 and 2186 had been collected as those samples exceeded the soil screening level.	Approx 20 cy soil	Cape
3.	WP	Collected 4 new primary and 1 MS/MSD confirmation soil samples from west half of carport area excavation at 4114B Charleston Loop. These samples were collected from the area where additional excavation was conducted on 4/14/11. Samples numbers are: U13-2190 4-4.5; 2190 4-4.5 MS/MSD; 2191-2-4; 2192-2-4; 2193-0-2; 2194-2-4 (locations in excavation shown on attached drawing and described in attached table).	5 samples	MWH
4.	WP	Collect 3 primary samples and 1 field duplicate at 4111B North Bridge Circle. These samples were collected from the area where additional excavation was conducted on 4/14/11. Sample numbers are: U13-2187-0-2; 2188-0-2; 2189-2-4; S92187-0-2 (field duplicate) (locations in excavation shown on attached drawing and described in attached table).	4 samples	MWH
5	WP	Backfill at 4111A North Bridge Circle. Excavation is backfilled. Compaction testing will be done on Monday.	75 cy	Cape

VII. Labor & Manpower.						
	Classification	Number	Employer	Hours		
1.	SS/SSHO/QC	1	Cape	8		
2.	Laborer	1	Cape	8		
3.	EO					
4.	Foreman					
5.	Tech	1	MWH	3		
6.	Title II Inspector	1	NWI	8		
				Total Hours	27	
VIII. Equipment.						
	No. of Units	Plant/Equipment	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
1.	1	Dust Monitor		0		
2.	1	John Deere 135C Excavator	04/14/11	6	2	
3.	1	Bobcat T250	04/14/11	4	4	
4.	1	2500 Chevy Pickup	04/14/11	2	6	
5.	1	250 gallon water trailer with pump/hose/nozzle	04/08/11	0	8	
6.					1	
7.						
8.						
9.						
10.						
				Total Hours	12	21
					0	
IX. Material Received to be Incorporated into Job.						
			None <input checked="" type="checkbox"/>			
	Acceptability	Stored Where?	Reference Plans/Drawings			
1.	Bank run fill from Geneva Rock. Material looks good. Cape is obtaining a "clean native material cert"	Adjacent to 4114 B Charleston Loop	WP			



Daily Quality Control Report

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2.			
3.			
X. Submittals Reviewed.			None <input checked="" type="checkbox"/>
	Submittal No.	Spec/Plan Reference	Action Taken
1.			
2.			
3.			
XI. Offsite Surveillance Activities. (include action taken)			None <input checked="" type="checkbox"/>
XII. Instructions Given by the Government to the Contractor. (Include names, reactions, and remarks)			
Verbal <input type="checkbox"/> Written <input type="checkbox"/> None <input checked="" type="checkbox"/>			
XIII. Work Progress.			
1.	Are there any Contractor caused delays?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2.	Are there any Contractor-potential findings of fact?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3.	Are there any Government caused delays or potential finding of fact?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
4.	Are there any Government-potential findings of fact?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
5.	Are there any unforeseeable or weather related delays?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
XIV. Deficiency List.			
Tracking No.	Deficiencies Identified (Not corrected by COB)	Tracking No.	Deficiencies Corrected (From Deficiency Tracking List)
XV. Remarks. (Include any visitors to project and miscellaneous remarks pertinent to work.)			
Cape loaded an additional 40 cy (estimated) of non-TSCA PCB contaminated soil excavated from 4114 B Charleston Loop (excavated 4/14/11) because confirmation soil samples indicate that the west half of the excavation (carport area) still contained PCBs above the screening level.			
Cape brought in about 100 cy of clean fill today and stockpiled it next to 4111 B Charleston Loop			
In the attached sample number table the samples that exceeded the screening level are high-lighted			
Drawing illustrating the additional excavation areas at 4114B Charleston Loop and 4111B North Bridge Circle			
 Site visitors included: Oscar Torres (Hill AFB Env) Jeff Long (URS)			
 The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with contract plans and specifications, except as noted above.			
CQC Site Manager		Tom Matzen, NWI (785.760.6617)	Date 04/15/11
XVI. Government Quality Assurance Comments. (if applicable)			
Concurs with the QC report?			Yes <input type="checkbox"/> No <input type="checkbox"/>
Additional comments or exceptions:			
QAR Signature		Date	
_____		_____	
Supervisor's Initial	_____	Date	_____





Date	Time	Direction of View
04-15-11	0735	W

Subject

Hill AFB Housing area OU-13. Loading PCB contaminated soil into end-dump truck #16. This material is additional soil excavated from the bottom of the west half and from the west end wall of the carport area excavation at 4114B Charleston Loop.

Confirmation samples collected from the west half of the bottom of the excavation and from the west end wall had exceeded the soil screening level.



Date	Time	Direction of View
04-15-11	0736	W

Subject

Hill AFB Housing area OU-13. Area of additional excavation in carport area at 4114B Charleston Loop.



Date	Time	Direction of View
04-15-11	0843	W

Subject

Hill AFB Housing area OU-13. Collecting confirmation soil sample in area of additional excavation at 4114 B Charleston Loop carport area.



Date	Time	Direction of View
04-15-11	0917	NW

Subject

Hill AFB Housing area OU-13. Removing additional soil at 4111B North Bridge Circle. This is the area where sample #2151 was collected. The results exceeded the soil screening level so additional soil was removed.



Date	Time	Direction of View
04-15-11	0932	NW

Subject

Hill AFB Housing area OU-13. Removing additional soil at 4111B North Bridge Circle. This is the area where sample #2186 was collected. The results exceeded the soil screening level so additional soil was removed.



Date	Time	Direction of View
04-15-11	1116	E

Subject

Hill AFB Housing area OU-13. Additional soil removed at 4111B North Bridge Circle on the east side of the excavation where sample #2151 was collected and indicated that PCBs remained above the soil screening level.



Date	Time	Direction of View
04-15-11	1122	N

Subject

Hill AFB Housing area OU-13. MWH technician packing soil samples collected from the excavation at 4111B North Bridge Circle. Samples were collected from the areas where additional excavation was done.



Date	Time	Direction of View
04-15-11	1321	SW

Subject

Hill AFB Housing area OU-13. Cape backfilling the excavation at 4111A North Bridge Circle. First lift installed.



Date	Time	Direction of View
04-15-11	1321	SW

Subject

Hill AFB Housing area OU-13. Cape backfilling the excavation at 4111A North Bridge Circle. Second lift placed and excavation backfilled.



Logbook Notes